



<http://www.mn-arts.org/>

***Don't forget to sign up on the reflector!!  
January 2014 Edition  
(Pictures from the February Event)***

### **From the President**

It was great seeing everyone at the build-a-thon on Feb 1st. We had a great turnout again and everyone had a nice time. A lot of work went into the planning so I would like to thank Mert W0UFO and Steve NW0C for their work getting the kits and solder stations ready. Also to Bob K9OSC and Paul N0TYE for helping with the set-up in the morning (and Paul's soup!) Larry KB0R and Tom WM0SS were going to set up a FYBO station outside, but frankly it was just too cold. Thanks to Jim AJ0O and the Minnetonka club as well for the use of their club station during the MN QSO Party. I'm sure I left out someone (sorry about that), but it was a team effort and we are all grateful for the hard work everyone put into it.

We have some nice programs ready for the next couple of months. Make sure to check out the website ([mn-arts.org](http://mn-arts.org)) for the latest information. Or if you missed a meeting, you may want to watch the video from the site as well. Jeremy KC0LDI does a great job recording them and setting up the website for us.

A reminder as well. March is when we collect our annual dues. We use the funds to pay for our liability insurance and field day expenses. Please see Paul N0TYE at the meeting or you can mail it to him.

See you Saturday March 1st  
73 de chuck ka8hde

### **January Meeting Minutes**

Chuck Stroud, KA8HDE, called the meeting to order at 1:30 PM. 23 were in attendance.

#### **Old Business:**

- Joseph Clysdale, KD0JCC, passed away recently. He was one of the clubs founding members.
- Paul Bushouse, N0TYE, reviewed the club finances. Currently there is \$1170 in the account.
- Chuck Stroud, KA8HDE, shared a Christmas letter from Paul Bittner, W0AIH, in Eau Claire.
- The plans for the February Build-A-Thon, FYBO & the Minnesota QSO

party were reviewed. The Minnetonka club will be operating from their club station between 9 and 4. All are welcome to come and build, operate or just visit.

### **New Business:**

- The 100<sup>th</sup> year anniversary of the ARRL will be celebrated with a special W1AW certificate. There will also be opportunities to work the W1AW station when they are in Minnesota. The Minnesota Wireless Association is handling these signups.

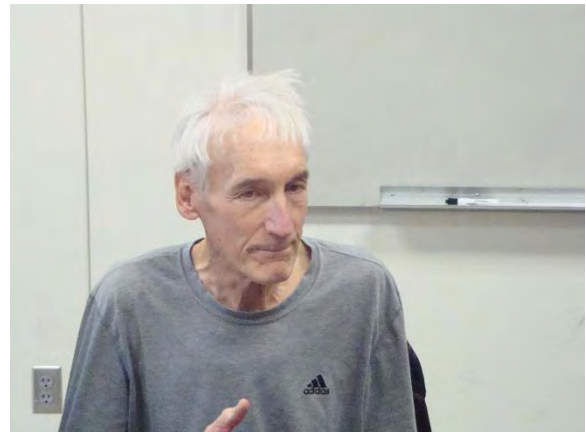
Business meeting was adjourned.

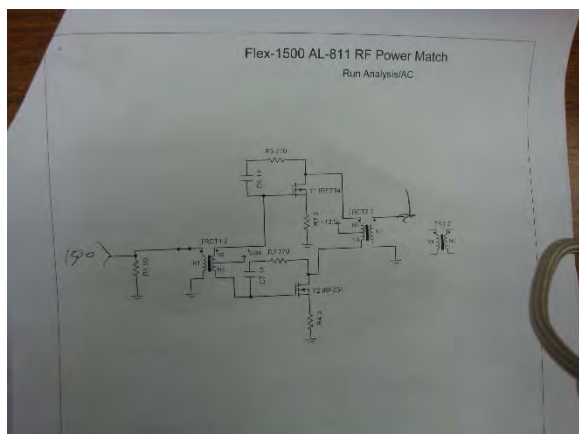
### **Show & Tell:**

**Bob Brock**, K9OSC, brought in a power supply he recently built. The control is provided by an LM317. The design was housed in a custom made wood cabinet.



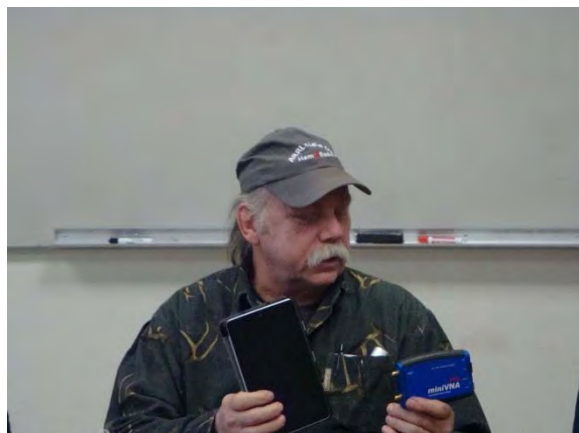
**John Krawczak**, KJ0P, discussed his plans to have his Flex 1500 drive an AL811 power amplifier. He is presently looking at modifying the circuit to accommodate a fourth tube which should yield about 800 watts. His current approach is to use MOSFETS to amplify the output of the Flex 1500 enough to drive the power amp. An interesting discussion ensued.





**Steve Ulrich**, NW0C, brought in the Centennial edition of the ARRL Handbook and also the second volume of the Hands on Experiments series.

**John Faughn**, KD0CAC, brought in his mini vector analyzer and showed how it interfaced with his tablet.



## January Presentation

**Russ Ramirez**, K0WFS, provided an interesting presentation on satellite communication. Among the items he covered were: AMSAT challenges, the hardware requirements for satellite communication, polar orbit and the current crop of satellites being launched.

He also showed a DVM-T dongle which works with a software defined radio. Russ showed us how he decoded the FunCube 1 telemetry.

Great job!!



Respectfully submitted,

Steve, NW0C

---

**Club Officers:**

*President:* Chuck Stroud/KA8HDE  
*Vice Pres:* Larry Gaalaas/KB0R  
*Secretary:* Steve Ulrich/NW0C  
*Treasurer:* Paul Bushouse/N0TYE  
*At Large:* Tom Kent

[ka8hde79@gmail.com](mailto:ka8hde79@gmail.com)  
[larry@circleg.net](mailto:larry@circleg.net)  
[ulrichs@comcast.net](mailto:ulrichs@comcast.net)  
[p-bushouse@bethel.edu](mailto:p-bushouse@bethel.edu)  
[tkent1952@gmail.com](mailto:tkent1952@gmail.com)



## Pictures from the February Build-A-Thon & Minnesota QSO Party























